

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009863

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01L27/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 114 664 A (GE) 19 May 1992 (1992-05-19) column 1, line 65 - column 2, line 4 column 6, line 37 - line 51; claim 1; figures 2,4,7,8	1
A	DE 37 05 900 A (SIEMENS) 1 September 1988 (1988-09-01) cited in the application page 5, line 37 - line 39 page 5, line 47 - line 50; figure 3	1
A	US 5 760 310 A (ROSEMOUNT) 2 June 1998 (1998-06-02) column 3, line 66 - column 4, line 5; claim 1; figure 2	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

15 December 2004

Date of mailing of the international search report

28/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>JP 06 307962 A (YOKOGAWA)</p> <p>4 November 1994 (1994-11-04)</p> <p>figures 2,4</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/009863

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			US	5204623 A	20-04-1993
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			JP	1219517 A	01-09-1989
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			DE	29521582 U1	04-12-1997
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